

Fluorescent Dyes

Fluorophore	Absorbs	Emits	Marks
DAPI	UV (365 nm)	Blue (> 420 nm)	nucleic acids
Texas-Red Phalloidin	Yellow-Green (552 nm)	Red (570 nm)	actin
BODIPY FL	Blue (495 nm)	Green (525 nm)	tubulin

Plants

Bryophyte	moss
Seedless vascular	fern
Gymnosperm	conifers
Angiosperm	majority of land plants - flowers

Dicot vs Monocot

Dicot	Monocot
2 cotyledons	1 cotyledon
netlike leaf	parallel, straight leaf
4-5 flowers	multiple of 3 flowers
ring stem	scattered bundles in stem
x in root	ring in root

References

<https://docs.google.com/document/d/1HRvqQr81DuNp00wEj1BuR92YQfnbuRBa6PagEVN6vhk/edit>

PCR

Steps?

Denature, Anneal, Extend

C

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Not published yet.

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